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1955 Summer College Catalog

State University of New York College at Cortland

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1955

summer session

STATE UNIVERSITY TEACHERS COLLEGE
CORTLAND, NEW YORK

Cortland Invites You
to The Summer Session of 1955

for

Study

Fellowship

Recreation

Here at Cortland you will find adequate facilities and inspiring teachers to help you spend an enjoyable and profitable summer. Ask the students who spent their last summer at Cortland, they will tell you of their work, fellowship, and recreation.

1955

State Teachers College at Cortland

SUMMER CALENDAR

JULY 6	Registration
JULY 7	Classes Begin
JULY 9	Classes this Saturday
JULY 6-22	Seminar in Reading in the Elementary School
JULY 11-15	Teaching State and Local History
JULY 18-29	China Institute
JULY 25-AUG. 5	Health Services Institute
JULY 25-AUG. 13	Elementary Education Institute
JULY 25-AUG. 13	Curriculum Construction in the Elementary School
JULY 6-AUG. 13	Directorship of Health and Physical Education
AUGUST 13	Six-week Session Closes
AUGUST 15-26	Driver Training for Teachers
AUGUST 26	Eight-week Session Closes

CURRICULAR OFFERINGS

UNDERGRADUATE	Eight-week Acceleration in Elementary Liberal Arts Courses Professional Courses for Certification Technical Courses for Certification School Dental Hygiene Teacher's Certification
GRADUATE	Intensive Teacher Training Program for College Graduates Elementary Education Programs for a. General Elementary Teachers b. Early Childhood Teachers c. Supervisors in Elementary Schools Programs in Special Fields of a. Physical Education b. Health Education c. Recreation Education

FOR INFORMATION

ADDRESS:

The Director of the Summer Session
State University Teachers College
Cortland, New York

THE SUMMER SESSIONS

SIX WEEKS, JULY 6 TO AUGUST 13

Programs Leading to the Master's Degree

1. **EARLY CHILDHOOD EDUCATION.** For teachers in the areas of nursery school and kindergarten. Courses and laboratory school experiences. The underlying philosophy coupled with methods.
2. **GENERAL ELEMENTARY EDUCATION.** Courses and seminars in education, in materials and methods of subject fields such as reading and arithmetic. Newer developments in the field. For teachers of kindergarten through grade eight.
3. **ELEMENTARY SCHOOL SUPERVISION AND PRINCIPALSHIP.** For teachers working for certification in these fields. Basic required courses and experiences from able leaders.
4. **INTENSIVE TEACHERS TRAINING PROGRAM.** A special sequence for college graduates not previously trained to teach in elementary schools. Basic courses, observation and practice with children. Temporary license after one summer.
5. **PHYSICAL EDUCATION.** Complete graduate program for teachers in this special field. Some work required in related field of either health education or recreation education.
6. **HEALTH EDUCATION.** Graduate courses and seminars for teachers already certified in health or physical education. Correlate study in physical education or recreation.
7. **RECREATION EDUCATION.** For teachers and recreation leaders of industry and public communities. Builds on previous training in physical education, or health as well as upon recreation education.
8. **ADMINISTRATIVE DIRECTORSHIP IN HEALTH, PHYSICAL EDUCATION, AND RECREATION.** Special program leading to the new state certification for directorship.

Complete details of requirement in these programs are found in the graduate section of this bulletin.

Undergraduate Programs

1. **FOR FORMER NORMAL SCHOOL GRADUATES.** Courses leading to the bachelor's degree for graduates of 2-year and 3-year normal school curricula.
2. **FOR TEACHERS SEEKING CERTIFICATION.** Various courses in elementary education and in special field of physical education for meeting certification standards in several states.
3. **FOR UNDERGRADUATES GENERALLY.** Many offerings in the liberal arts, in crafts, in education and psychology for college students seeking advancement of their status.

EIGHT WEEKS, JULY 6 TO AUGUST 26

Accelerate Program in Elementary Education

1. **FOR CORTLAND ACCELERATES.** Special continuing program enabling students to complete 4-year course in 3 calendar years. New group beginning this summer.
2. **FOR NON-LICENSED TEACHERS.** Courses open to teachers serving on temporary license and others seeking professional training on undergraduate level.

Consult the full description of the accelerate program in this bulletin.

Residence for Students

During the summer the College Residence Halls are open to both graduate and undergraduate women students.

A limited number of apartments and some rooms in private homes are listed in the Personnel Office.

Both men and women make their summer housing arrangements by writing directly to the Associate Dean of Students.

Meals are available in the college cafeteria.

WORKSHOPS AND SHORT SESSIONS

Teaching New York and Local History

June 25 to July 15

A. WORKSHOP IN HISTORY OF NEW YORK at Cooperstown

June 26 to July 8

Study the cultural and social background of New York State at the historical center. One semester hour credit per week. Enrollments for either or both weeks but enrollees for second week must also enroll for Workshop B at Cortland the following week. For description see Social Studies No. 711.

B. WORKSHOP IN TEACHING STATE AND LOCAL HISTORY* at Cortland

July 11 to 15

Practical applications and preparation of classroom materials under leadership of Miss Mary Cunningham. One semester hour credit. For description see Social Studies No. 735.

The China Institute* at Cortland

July 18 to 29

An opportunity to study oriental literature and thought under the leadership of outstanding Chinese Scholars. Open to graduate and undergraduate students and laymen. Two semester hours of credit available. For description see Foreign Languages No. 707.

The Elementary Education Institute at Cortland

July 25 to August 13

Devoted to intensive study of special problems in elementary schools. Open to teachers, supervisors, and principals. Groups identify problems and pursue study and discussion under able leadership. Three semester hours of credit. For description see Education No. 780.

Health Services in the Schools* at Cortland

July 25 to August 5

For all personnel involved in school health services; physicians, nurses, dental hygienists, guidance officers. Operated in cooperation with the Bureau of Health Services of the State Education Department. Two semester hours of credit. For description see Health Education No. 780.

Seminar in Directorship of Physical Education and Related Areas at Cortland July 6 to August 13

Administrative problems and other areas confronted by directors. Approved for new certification of directors in this field. Open to experienced teachers upon application to Director of Health, Physical Education, and Recreation at the college.

Section A, 3 weeks, July 6-July 22, 4 semester hours graduate credit.

Section B, 3 weeks, July 25-August 13, 4 semester hours graduate credit.

For description see Physical Education No. 811a and No. 811b.

Teacher's Course in Driver Training at Cortland

August 15 to August 26

Full-time laboratory course leads to teacher's certification in driver training for those already certified in some secondary school field. Open also to others interested in the basic approved course in driver training. Two semester hours of undergraduate credit. For description see Health and Physical Education No. 517.

Note: The starred items will operate on a daily schedule beginning at 11:00 a.m. Thus students enrolled in the regular summer session may, if they wish, enroll in one or more of these special intensive courses. Regular limits on total amounts of credit per session apply. Course descriptions will be found under appropriate headings in this bulletin.

A teacher may enroll in a full summer's program by choosing successive workshops and short courses.

For a special folder describing each workshop or short session address:

The Director of the Summer Session
State University Teachers College
Cortland, New York

FACILITIES OF THE COLLEGE

All of the regular college facilities are available for use during the summer. This includes the main classroom building, the new building for health, physical education, and recreation, and the social and living facilities of Brockway Student Union with its adjoining residence units. Perhaps more important than buildings and classrooms is the instructional service which is carefully chosen from the resident staff and from other colleges so that a genuinely functional program of high caliber is offered. At Cortland it is understood that staff members are available for discussion and consultation on the many problems that confront a teacher.

Each summer the college operates classes in the elementary school so that newer methods and procedures may be observed and tested. This is particularly valuable for students in the Intensive Teacher Training Program and for the undergraduates who are accelerating in their curriculum. A limited number of pupils who are the children of summer students may be admitted to the college elementary school if application is made in writing before June first.

The location of Cortland in the central section of New York State and its altitude of more than twelve hundred feet make this a delightful spot for summer study.

Recreation and Special Events

Many recreational facilities are available in the college and in the community of Cortland. These range from sports such as swimming and golf to cultural activities such as music and drama. The college, through a committee of students and faculty members, plans a program of picnics, luncheons, discussions, and lectures.

Several summer theatres including the Lyric Circus at Skaneateles are within easy driving distance. This summer, as in past summers, groups of students with a common interest may organize special theatre groups.

Special workshops and seminars bring to the campus outstanding speakers in their special fields. Many of these lectures are open to all college students. This summer the special workshops will include Teaching State and Local History, The China Institute, The Elementary Education Institute, and a workshop in School Health Services. Because the summer session is short, outside entertainment is usually not brought in.

ADMISSION TO SUMMER STUDY

Undergraduate Students

The Dean of the College will approve admission and programs for undergraduate students. This includes regular candidates for the bachelor's degree at Cortland, special students who wish to take certain courses to apply on the degree at some other college, students who are interested in professional and technical work for certification to teach, and all other students who have not yet earned their bachelor's degree.

Students who are classified as "accelerates" in the curriculum of elementary education have been previously admitted to the college by the Director of Admissions. Their names must be on the file of approved accelerating students in the Dean's Office.

It is important that admission and advisement concerning courses be arranged well in advance of the opening of the session. This may be done personally or by correspondence. Particularly, former normal school graduates who are working toward their bachelor's degrees should have their previous work evaluated and their plans for completion through summer study and by extension approved in advance because certain state regulations must be met.

Graduate Students

Regular graduate students who are entering this college for their first summer of graduate study are admitted informally and advised concerning their programs by either the Director of Health, Recreation, and Physical Education or the Director of Elementary Education in whichever field they plan to study. Matriculation and candidacy for the master's degree is arranged after the student has completed six semester hours of graduate study on the campus. Matriculated students have assigned advisers with whom they must consult in arranging programs.

College graduates who plan to enter the Intensive Teacher Training Program must be admitted to this program by the Dean of the College prior to the opening date of the summer session. This Intensive Teacher Training Program assumes prior graduation from a recognized college, no previous preparation to teach in the elementary schools, and the intent to serve as elementary school teachers. An official transcript of the undergraduate record should accompany the request for admission. Official admission forms may be obtained from the Dean's Office.

Registration

Registration for the six-week and the eight-week sessions should be completed on Wednesday, July sixth. Procedures for registration will be found in the corridor of the main college building. The final date for registration with full credit is Monday, July eleventh. All registrations after July sixth must be approved by the Dean of the College. A fee of five dollars will be charged for each approved late registration. Classes begin Thursday, July seventh.

No changes in selection of courses will be approved after Monday, July eleventh. Any changes sought by a student must be discussed with his adviser and approved by the Dean of the College.

Student Health Service

The primary purpose of the Health Service is to provide proper care in first-aid and the treatment of patients with minor illnesses not requiring hospitalization. The student does not receive total health coverage while in attendance at college as infirmary facilities are lacking; however, every effort is made to meet the needs of the students through cooperation with local physicians in Cortland when more intensive and prolonged care is necessary. In cases of severe injury or acute illness the students are hospitalized in the Cortland County Hospital under the supervision of any local physician of the patient's choice. These physicians work in close cooperation with the college physician and the College Health Service.

In addition to the treatment of injuries and illnesses, the Health Service performs periodic physical checkups, special examinations when necessary, and physiotherapy.

During summer school the Health Service is maintained by a physician and a nurse. No health fee is charged for the work performed by the College Health Service; however, all expenses incurred with local physicians and hospitals must be borne by the student. College students enrolled during the previous academic year must pay an additional \$5.00 for insurance coverage during the summer.

The College Bookstore

The College Bookstore, located on the lower floor of the left wing of the main building, sells textbooks, miscellaneous college supplies, and light lunches.

Teacher Placement Service

The services of the Placement Office are available, without cost, to members of senior classes, former graduates, and to graduate students including those enrolled in the Intensive Teacher Training Program. The Placement Office compiles credentials and assists candidates for professional positions in making contacts with school officials.

VETERANS BENEFITS

Enrollees under Public Law 346

Veterans who were in attendance at Cortland's summer session of 1954 may continue study in the summer of 1955 provided they served as full-time teachers during the past academic year. A statement from a school official attesting such employment should be brought to the college veterans' office on the date of enrollment.

Other veterans who are transferring to the college for special work for the summer should have in their possession when they enroll the proper Supplemental Certificate of Eligibility. This should be requested from the VA well in advance.

Enrollees under Public Law 550

Veterans who are planning to study at Cortland under Public Law 550, the "Korean Veteran's Bill," should: (a) file VA Form 7-1990 "Application for Program of Education and Training" either directly with the Veterans Administration or with the College Veterans' Office. This should be done in advance of the opening of the summer session. (b) report to the College Veterans' Office during the registration period with "Certificate for Education and Training" VA Form 7-1993. Each veteran must also report to the office at the end of each month and sign the certificate of attendance.

The Veterans Administration determines all policies governing the administration of the law. Technical questions should be referred to the nearest Regional Office of the Veterans Administration.

FEES AND EXPENSES

Six-Week Summer Sessions

Instructional Service (tuition)

- a. Undergraduate resident students.... \$10.00 per cr. hr.
- b. Graduate resident students..... 12.50 per cr. hr.
- c. Non-resident students..... 12.50 per cr. hr.

Student Union Assessment

- a. For 6 or more credit hours..... 6.00 per session
- b. For less than 6 credit hours..... 1.00 per cr. hr.

College Activity Assessment..... 4.00 per session

Refunds on Above Charges

- a. Withdrawals during "week of registration" full refund
- b. Withdrawals after "week of registration" no refund
- c. Withdrawals to enter military service75 per week
(applies to Student Union Assessment only)

Eight-week Accelerate Session

(For approved undergraduates in Elementary Education only)

Instructional Service (tuition)..... none

Student Union Assessment

- a. For 6 or more credit hours..... 6.00 per session
- b. For less than 6 credit hours..... 1.00 per cr. hr.

College Activity Assessment..... 4.00 per session

Refunds on Above Charges..... Same as for 6-wk. session

Special Students in Six-week and Eight-week Sessions

(Those carrying less than six semester hours)

Fees and Charges..... Same as regular students

Refunds None after classes begin

Military Refund (Student Union Assessment

only) 0.12½ per cr. hr. per week

Special Institutes and Workshops Granting Credit

Instructional Service (tuition).....	At same rates as the 6-week sessions
Student Union Assessment.....	\$ 1.00 per cr. hr.
Refunds	None after work begins

Auditing Fee

- a. If enrolled in other courses for credit 5.00 per course
- b. If auditing courses only..... 10.00 per course

Graduation Charges

Students who are in their final term of work toward a degree must pay the graduation charges. These include costs of diplomas, certificates, and academic regalia used at the college commencement. The charge for bachelor's degree candidates is ten dollars and for master's degree candidates is twelve dollars.

Free Instructional Service for Supervisors

In-service teachers who have supervised student-cadet teachers during the previous school year are granted tuition-free study on either the graduate or undergraduate level at the rate of eight semester hours for having had one or more cadet teachers for a full year. Thus, if such service was given for one-half a semester, free tuition would be granted for two semester hours of study. Requests for this tuition free study should be made prior to enrollment on forms provided by the Director of the Summer Session and must be approved by him.

IMPORTANT ANNOUNCEMENTS

Undergraduate Division

1. Teachers who are working to complete their fourth year for the bachelor's degree should consult specifically with the Dean of the College before registration.
2. All summer registrations should be completed on July 6. Late registrants must be specially accepted by the Dean. No registrations for full credit will be accepted after Monday, July 11. A fee of \$5.00 will be charged for approved late registration.

3. Courses which are being taken specifically to meet certification standards in New York State should be approved for that purpose by the Office of Teacher Certification, State Education Department, Albany, N. Y.
4. Opportunity for recreational and social activities are provided. Students are encouraged to participate in these activities unless they interfere with satisfactory progress in regular college work.
5. Any course having fewer than eight enrollees may be withdrawn.
6. No undergraduate student may carry more than eight semester hours of academic work for credit in the six-week session or ten hours in the eight-week session, exclusive of activities.

Graduate Division

1. Regular graduate students who have been matriculated for the master's degree should have consulted with their advisers, either in person or by mail, before the opening of the summer session. If such contact cannot be made, then the chairman of the division should be consulted.
2. All registrations should be completed on July 6. Late registration must be approved by the Dean of the College and no registration for full credit will be accepted after Monday, July 11, 1955. A fee of \$5.00 will be charged for approved late registration after July 6.
3. College graduates who did not prepare to teach in the elementary schools as undergraduates and who wish to enter the Intensive Teacher Training Program must apply for and be accepted by the Dean of the College prior to the opening of the summer session.
4. The normal load for graduate students is six semester hours for the six-week session. In cases where a suitable combination of courses totals seven hours, approval will be granted to students having above average records in previous work. A maximum load of eight semester hours will be granted only to students of superior ability and upon petition to the Graduate Council. Such petition must be filed on a form provided by the council before noon, July 6, 1955.

UNDERGRADUATE PROGRAMS OFFERED IN SUMMER

General Elementary Education

During the summer session courses are provided for the following groups of students: (a) accelerate students who enroll in the eight-week session, (b) regular students who enroll in the six-week session in order to advance their regular program, (c) graduates of the former two and three-year normal school courses who are working to complete the requirements for the bachelor's degree. Both professional and liberal-cultural courses are available. Consultation should be arranged with the Dean of the College.

Physical Education

A limited number of courses and activities are offered in this special field. These are given primarily for students who wish to advance their program and for others who are working toward meeting state certification. Technical questions should be directed to the Director of Physical Education, Health, and Recreation.

School Dental Hygiene Teacher Certification

The Certification Division of the State Education Department has approved the courses offered by this college for both the provisional and the permanent certificates. The following courses are required for certification, and are given this summer.

FOR THE PROVISIONAL CERTIFICATE:

<i>Subject</i>	<i>Cr. Hrs.</i>	<i>Time</i>
Ed. HP 308—Organ. & Admin. of Public School Education.....	2	1:00- 1:50
HP 201—Health Services in Public Schools.	2	11:00-11:50
HE 609—Health Ed. Methods for School Dental Hygiene Teachers.....	2	9:00- 9:50

FOR THE PERMANENT CERTIFICATE:

HE 203—Nutrition I.....	2	10:00-10:50
HP 407—Mental and Emotional Health...	2	8:00- 8:50
Ed. HP 303—Hist. and Prin. of Ed.....	2	2:00- 2:50
HE 409—Health Ed. Organ. & Admin. Seminar	2	1:00- 1:50
HE 610—Organ. and Admin. Case Studies..	2	8:00- 8:50
Ed. RE 103—Educational Psychology.....	3	10:00-11:15

Acceleration in Elementary Education

These summer programs are offered for both beginning students and continuing students who elect to complete their regular four-year course in three calendar years by attendance for three regular academic years and three summers of eight weeks each. Admission to this accelerated program is open only in the field of elementary education. The following schedules have been arranged for freshman and sophomore accelerates in the summer of 1955. Juniors and seniors will be advised which courses in the general college offering best serve their needs for acceleration.

FOR THOSE ENTERING JULY 6, 1955:

<i>Subject</i>	<i>Cr. Hrs.</i>	<i>Time</i>
Sci. 103—Biology.....	3	8:00- 9:30
Art 101—Art Essentials.....	2	11:00-12:15
Mus. 101—Essentials of Music.....	2	1:00- 1:50
Ed. 101—Child Development.....	3	2:00- 2:50

FOR THOSE WHO ENTERED IN FEBRUARY, 1955:

Eng. 112—Communication Skills.....	3	8:00- 8:50
Sci. 103—Biology.....	3	10:00-11:30
Ed. 102—Child Development.....	3	12:35- 1:50
PE 102—P.E. Activities.....	1	2:00- 2:50

FOR SOPHOMORE ACCELERATES:

Section A

Art 201—Crafts.....	2	8:00- 9:50
Ed. 201—Child & Curriculum.....	3	10:00-10:50
		or
		11:00-11:50
Eng. 221—American Lit. & Comp.....	3	1:00- 1:50
PE 303—P. E. for Teachers.....	2	2:00- 2:50
PE 201—P. E. Activities.....	1	3:00- 3:50

Section B

Ed. 202—Child & Curriculum.....	3	8:00- 8:50
PE 303—P. E. for Teachers.....	2	9:00- 9:50
Eng. 221—American Lit. & Comp.....	3	11:00-11:50
Art 201—Crafts.....	2	1:00- 2:50
PE 201—P.E. Activities.....	1	3:00- 3:50

The general college catalog shows how these particular courses fit into the prescribed curriculum in elementary education.

Requirements for Former Normal School Graduates

Graduates of the three-year course which was formerly given in the State Normal Schools must meet the following state regulations in qualifying for the bachelor's degree.

1. Course Requirements:

In a specialization*	15 semester hours
In English	6 semester hours
In Education	3-6 semester hours
In Electives	5-8 semester hours

2. Residence Requirements:

The completion of a minimum of one year (32 semester hours) of resident study is required for the granting of a degree. Thus, a person who has taken three years at another college including units of the State University of New York must meet the one-year residence requirement by completing the fourth year at Cortland.

However, people who completed a two-year or a three-year course at Cortland and thus have already spent more than one year in residence are required to spend the last 16 semester hours or two summer sessions totaling at least 12 semester hours in resident study at Cortland.

Correspondence concerning the completion of the fourth year for the bachelor's degree should be addressed to the Dean of the College at Cortland.

Requirements for the Bachelor's Degree

For a complete statement of the requirements for the bachelor's degree in the several different curricula offered by the college the student is referred to the general college catalog. These requirements apply to regular undergraduate students.

* The specialization may be in one of the following fields: art, English, foreign language, geography, mathematics, music, biological science, physical science, social studies, or speech. If English is selected as a specialization, then six semester hours must be taken in social studies.

SPECIAL FEATURES OF THE 1955 SESSIONS

Of Interest to Graduate Students:

1. Intensive Teacher Training Program. In elementary education, for general college graduates planning to teach in elementary schools in September, 1955. An integrated functional program, experienced competent instruction, campus school participation. Request special application blank.
2. Administrative Directorship in Physical Education and Health. Prepares for new director's certificate and master's degree. Leaders in field present important phases of the program. Request special announcement.
3. Master's Degree Programs in Elementary Education. In general elementary school teaching, in early childhood teaching, in elementary school supervision and principalship. See details in other sections of the bulletin.
4. Master's Degree Programs in Special Areas. In physical education, in health education, and in recreation education. See details in this bulletin.
5. Workshops and Institutes. Short intensive sessions from one to three weeks each. In State and Local History, in Elementary Education, in Oriental Literature, in Health Services, in Directorship in Physical Education, and in Driver Training. See page 4 for dates and details.
6. Academic Courses. Many offerings in art, English, social studies, music, and science.
7. Professional Courses. Liberal offering in all major curricula by resident staff augmented with specialists in the field.
8. Academic Secondary Certification. Majors in physical education already certified in secondary school teaching extend their certification to science teaching. Arrange program with Director of Education for Physical Education, Health, and Recreation.
9. Fellowship and Recreation. Planned program of luncheons, picnics, sports, lectures, chorus, summer theatres.

Of Interest to Undergraduate Students:

1. School Dental Hygiene Teacher Certification. Courses to meet both provisional and permanent certification. See special section of the bulletin.
2. Accelerate Program in Elementary Education. Complete full four-year undergraduate course in three calendar years. Group starts this summer. Consult Director of Admissions.
3. Make-up and Speed-up Work. Many courses available for students who need and want to advance their college status. Consult the Dean of the College.
4. Recreation. Group activities, dances, sports, picnics, chorus.

Choosing a Summer Program

Summer students should consult with their appropriate advisers in selecting appropriate courses or workshops for their particular needs. After having studied the list of courses and course descriptions a tentative schedule should be prepared. This schedule can then be discussed in person or through correspondence with the adviser. Anyone who is in doubt as to the proper official to consult may write to the director of the summer session.

Coordinating With Extension Program

Since many of the summer students at Cortland take extension courses offered by the college during the year it is wise to select summer courses that are usually not available in extension if those are needed to complete the requirements for a degree. The extension schedule usually contains many courses in the fields of education, English, and social studies. Laboratory courses in science are not offered in extension. The extension schedule for 1955-1956 will be available early in August, before the close of the summer session.

Automobiles on Campus

The college provides a large parking lot for the use of students who commute or bring their cars for the summer session. This lot is located on Prospect Terrace. The parking spaces adjacent to the college buildings are reserved for and assigned to college staff members. Summer students will please observe all parking regulations.

BALANCE SHEET—YOUR SUMMER INVESTMENT

at State University Teachers College at Cortland

Your Expenditures

1. Of Money

Tuition Fees*.....	\$ 60 to \$100
College Union.....	6 to 6
College Activities.....	4 to 4
Room, six weeks.....	30 to 51
Food, six weeks.....	60 to 80
Books and Supplies.....	10 to 20

Total dollar investment.....	\$170 to \$261
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2. Of Time and Energy

Study
Recreation
Fellowship
Travel

Your Dividends

1. Of Money

Return on investment..... 20%

An investment of \$250 per summer for 4 summers yields a salary increase of \$200 per year; a money return of 20% per year. Where can you find a better investment?

2. Of Professional Advancement

Better service for children
Increase in personal prestige
Feeling of pride through growth

3. Of Personal Satisfaction

Through fellowship with colleagues and professors
Through increased knowledge and understanding

* Undergraduate tuition costs ten dollars per credit hour and graduate tuition costs twelve and one-half dollars per credit hour.

A Varied Summer Program

The 1955 summer session offers more than a hundred courses for the professional and cultural development of students and teachers. In addition to this the college has scheduled nine special workshops, institutes, and short sessions ranging from one to three weeks. This enables a student a very wide range of choice. He may enroll for one or more courses for six weeks and supplement this selection by choosing one or more of the special shorter sessions. By selecting two consecutive short sessions a student can arrange a full-time program of units of intensive study.

DESCRIPTION OF COURSES

The following courses are offered during the summer session. For a summary showing the credit hours, the duration in weeks, the instructor, and the time scheduled, see page 51. The offering is grouped by departments with lower level courses listed first. The following system is employed in numbering courses.

101-199	For freshmen
200-299	For sophomores
300-399	For juniors
400-499	For seniors
500-599	For sophomores, juniors or seniors
600-699	For juniors and seniors only
700-799	For seniors and graduates
800-899	For graduate students only

ART

Art 101: Art Essentials

Designed to familiarize the student with the elements, organization, and media of art. Emphasis placed on helping the student discover and develop the ability to express himself creatively through the use of various art media. An integration of art with daily living, appreciation of the fine arts, and their relation to the teaching of art in the schools.

2 Semester Hours	6 Weeks	11:00—12:15
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Art 201: Arts and Crafts

A study of the creation of design for some of the craft materials and the hand processes involved in their use. Practice in pottery making, weaving, woodworking, leather tooling, metal working, blockprinting, or bookbinding with special attention to the use of such techniques and materials in the teaching of children or adults.

2 Semester Hours	6 Weeks	8:00—9:50
		1:00—2:50

Art 500: History and Appreciation of Art

A general survey of the main cultural patterns of man with special emphasis on the architecture, sculpture, and paintings of Egypt, Greece, Medieval France, Renaissance Italy and Northern Europe. No previous study of art is required.

2 Semester Hours	6 Weeks	11:00—11:50
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Art 505: Advanced Arts and Crafts

The use of fundamental techniques in developing a higher degree of proficiency with craft materials.

2 Semester Hours	6 Weeks	1:00—2:50
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Art 704: Contemporary Art

A study of the masterpieces which reflect current thinking and practices in the fields of art. Special emphasis given to the works of American and European artists.

2 Semester Hours	6 Weeks	1:00—1:50
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FA 701: The Arts and Leisure

Utilization of the arts in leisure. Creative expression through various media and art forms. Lecture, discussion, and laboratory experiences.

2 Semester Hours	6 Weeks	8:00—8:50
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Education 720: Seminar in Art in Elementary School

Deals with art materials and plans development and use of art projects. Attention given to new art media, requisition, handling, distribution, and display of art materials and children's art productions. Research in art and teaching problems encouraged as means of stimulating creative expression in children. For ITTP and other teachers.

2 Semester Hours	6 Weeks	10:00—10:50
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EDUCATION

Education 101: Child Development

Study of the child as the center of teacher understanding and concern in the elementary school. Emphasis upon an appreciation of the child's physical, mental, social and emotional growth and the attendant problems of child concern. Educational and sociological implication of child understanding in relation to desirable curriculum materials and methods and techniques of guiding children. For beginning Elementary Education and Early Childhood majors.

3 Semester Hours	8 Weeks	2:00—2:50
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Education 102: Child Development

This second half of the freshman course is devoted to studies of child

3 Semester Hours	6 Weeks	12:35—1:50
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Basic course dealing with physical, mental, social and emotional growth of children: nature of learning, and its related problems of motivation, organization and control; nature and causes of individual differences; understanding and guidance of the child educationally and socially. For Health, and Recreation majors.

Education 201b: Child and Curriculum

3 Semester Hours	8 Weeks	Sec. 1 10:00—10:50
		Sec. 2 11:00—11:50

Second part of Child and Curriculum course dealing with Social Studies, Mathematics, and Science for accelerate students in Elementary Education.

3 Semester Hours	8 Weeks	8:00—8:50
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A study of the major educational concepts from primitive times to the present, emphasizing the contributions of each period. Discussion of the principles of education congruent with the aims of education in our modern society. Special application to the areas of health education.

Education HP 308: Education Organization and Administration for Teachers

Includes out-of-classroom work of teachers such as school organization and administration related to teachers, work of teacher organizations, school law and regulations, school and community relationships, professional preparation and growth of teachers. For Health Education majors.

Education 401b: Professional Sequence Seminar

Course is for accelerated Elementary Education majors who have finished their student teaching. Designed to deal with all sequence materials which will best supplement and develop the child study, curriculum methods and materials, school organization and community relations, and teaching experiences which the student has had to date.

3 Semester Hours	8 Weeks	9:00—9:50
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Education 402b: Professional Sequence Seminar

For accelerated seniors who have finished their practice teaching in elementary education. Work deals with self-analyzed, diagnosed and recommended needs of individual students after having completed student teaching and as they approach termination of their professional sequence.

3 Semester Hours

8 Weeks

10:00—10:50

Education ITTP: Integrated Professional Study

Integrated professional program for first summer students in the Intensive Teacher Training Program. Involves observing and working with children under the supervision of a master teacher. Students working with children confer with each other and the supervisor in evaluating their experiences with children, and in planning their teaching programs for the following school year. Daily schedule includes: (a) Child Study (Integrated) 7:30—8:50; (b) Observation, participation and teaching, 9:00—11:50, and evaluation and planning of teaching, 1:00—1:50; (c) School Organization and Administration of Teaching, 2:00—2:50, Tuesday, Wednesday, Thursday. Program varies with individual student background and need. All work focused upon practical first-year teaching problems. Student works with the age-level child he expects to teach the following year. (The integrated program is equivalent to 3 semester hours of Child Study; 4 semester hours of Curriculum Methods and Materials; 1 semester hour of School Organization, Administration, and Community Relations). A student who has had a thorough course in Child Study for teachers may be advised to take a seminar methods course (Ed. 720 to 726) instead of "Child Study (Integrated)".

8 Semester Hours

6 Weeks

7:30—11:50

1:00— 1:50

T.W.Th. 2:00— 2:50

Education 700-I, and 700-IE: Child Study

A second course which deals with principles of child learning, behavior, and techniques of evaluation. Designed for second summer ITTP students who have had less than six semester hours of Child Study or Educational Psychology for permanent certification. Graduates with 6 or more semester hours of Child Study should take Ed. 700. One section accommodates both Elementary Education and Early Childhood Education students.

3 Semester Hours

6 Weeks

10:00—11:15

Education 700: Seminar in Advanced Child Study

Acquaints teacher, supervisors and principals with the better current literature and experimentation in the field of child study; work related to child development as it concerns all guided activities of children in modern elementary school program. Organized on a lecture-workshop basis, and adapted to individual members of group. Prerequisite: 6 or more semester hours of Child Study or Educational Psychology. May be taken for 2 semester hours by permission of instructor.

3 Semester Hours

6 Weeks

9:00—10:15

Education 703, and Ed. 703-E: Evaluation and Guidance in the Elementary School

Portrays effective means of guiding child development throughout elementary school, and evaluating such development in terms of objectives of elementary school program. A Workshop designed for teachers, supervisors, and principals, and directors of guidance in elementary schools. May be taken for two semester hours by permission of instructor.

3 Semester Hours	6 Weeks	7:30—9:00
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Education 718: Audio-Visual Aids

Acquaintance with nature and values of audio and visual aids in education, and techniques of using them. For teachers, supervisors and principals in the field of elementary education. Three hours of laboratory required weekly by arrangement.

2 Semester Hours	6 Weeks	11:00—11:50
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Education 720: Seminar in Art in Elementary School

Deals with art materials, and plans development and use of art projects. Attention given to new art media, requisition, handling, distribution, and display of art materials and children's art productions. Research in art and teaching problems encouraged as means of stimulating creative expression in children. For ITTP and other teachers.

2 Semester Hours	6 Weeks	10:00—10:50
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Education 721: Seminar in Music in Elementary School

Develops teacher's understanding of role of music in elementary school, and how children can be effectively guided in developing musical experiences. Emphasis placed upon reading-songs. For ITTP and other teachers.

2 Semester Hours	6 Weeks	9:00—9:50
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Education 722: Seminar in Mathematics in Elementary School

Consideration given to functions of arithmetic, curriculum trends, modes of learning and evaluation of child learning. Experimental work encouraged and counseled. For ITTP and experienced teachers and supervisors of mathematics in the elementary school.

2 Semester Hours	6 Weeks	11:00—11:50
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Education 723: Seminar in Reading in Elementary School

Developmental concepts of reading are emphasized. Designed for in-service undergraduates and graduates, including ITTP students, and supervisors.

3 Semester Hours	July 6-22	9:00—11:50
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Education 725: Seminar in Social Studies in Elementary School

Emphasis given to objectives, methods and materials, correlation of social studies with other curriculum areas, evaluation of social-studies experiences

and various problems of student need. For inservice teachers including beginning ITTP teachers, graduates and supervisors.

2 Semester Hours	6 Weeks	12:00—12:50
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Education 726: Seminar in Science in Elementary School

Work includes development of teaching projects for children, and locating various sources of teaching aids. Emphasis given to organizing pupil activities for effective units of science program in elementary school. For teachers and supervisors of elementary school, including ITTP teachers.

2 Semester Hours	6 Weeks	2:00—2:50
		Lab. Mon., Wed. 3:00—3:50

Education 735: Diagnostic and Remedial Teaching

Seminar in diagnostic and remedial materials and procedures in language arts and mathematics in the elementary school. For undergraduate inservice teachers. Admission by advisement.

3 Semester Hours	6 Weeks	12:35—1:50
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Education 740: Elementary School Methods, Materials, and Participation

For special or high school teachers who want to teach in the regular program of the elementary school. Program includes daily work with children (observation, participation and teaching) followed by critical evaluation of that work; planning one's individual teaching program for following year with help of a consultant. Work deals with all practical phases of teacher's school program. Available only by advisement.

4 Semester Hours, or arranged by advisement	6 Weeks	9:00—11:50
		1:00—1:50

Education 765: Curriculum Construction in the Elementary School

Principles and practices in curriculum development in the elementary school. Consideration of curriculum problems in student's school system. For experienced teachers, supervisors and principals.

3 Semester Hours	July 25—August 13	8:00—10:30
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Education 780-A, 780-B, 780-C: Institute in Elementary Education

Institute designed for experienced teachers, supervisors, and principals of graduate and undergraduate standing. Organized on a forum and work-groups basis. Provision made for individuals and groups according to interests. Institute staffed by director with resident consultants, as needed.

Education Institute may be pursued by an individual for two or three summers, to a total of 6 semester hours,—first summer Ed. 780-A, second summer Ed. 780-B, third summer Ed. 780-C. Work of Institute differs every summer.

Advanced registration is requested.

3 Semester Hours	July 25—August 13	9:00—11:50
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Education 801-A: Workshop in Elementary Education

Deals with those phases of elementary education of which members of the group have need. Each teacher works in a small group or on an individual project in addition to participating in large group activities of common concern. For experienced teachers, supervisors, principals, and ITTP teachers who are self-reliant in individual and group work. For elementary education majors. Admission by advisement (ECE majors take Ed. 801-AE).

4 Semester Hours	6 Weeks	9:00—10:50
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Education 801-AE: Workshop in Early Childhood Education

Deals with over-all phase of curriculum in Early Childhood Education, with particular emphasis on the areas of creative expression—music, art, blocks, etc., and science and social living. Teacher develops comprehensive view of total program, and concentrates on areas mentioned. Required of E.C.E. majors. Admission by advisement.

4 Semester Hours	6 Weeks	1:00—2:50
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Education 802-AE: Early Childhood Education

Deals with over-all phase of curriculum in Early Childhood Education with particular emphasis on the language arts area, including readiness programs, reading, writing, spelling, and the number area. Required of E.C.E. majors. Admission by advisement.

4 Semester Hours	6 Weeks	9:00—10:50
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Education 805-AE: Seminar in Early Childhood Education

Deals with fundamentals, trends, and individual problems in areas of E.C.E., including curriculum, child development, home-school-community relations, organization and administration of schools and profession. Required of E.C.E. majors. Admission by advisement.

4 Semester Hours	6 Weeks	12:00—1:50
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Education 810: Educational Organization and Administration for Teachers

Deals with organization and administration of schools and school systems, school-community relations, work of teacher organizations and other out-of-classroom problems which concern teachers. For second summer ITTP teachers, and students needing 2 semester hours of work in the history-principles-philosophy area needed for certification.

2 Semester Hours	6 Weeks	9:00—9:50
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Education 812: Educational Research

Beginning course designed to develop nature and appreciation of types and techniques of research and their contribution to education and teaching. Includes nature and need of research, types of research, research techniques, current research in the student's major field. Students encouraged to do in-service research. For teachers, supervisors, and principals in various fields of elementary education. May be taken for 2 semester hours by permission.

3 Semester Hours	6 Weeks	1:00—2:15
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Education 814: Supervision A: Organization and Personnel of the Elementary School

Deals with the organization and personnel aspects of the elementary school. Areas considered include: functions, types of duties, and qualifications of supervisors; principles of public school organization; school, and classroom organization and management; school-personnel relationships; school and community relationships; duties and qualifications of school staff; inservice growth of teachers; policies and techniques of instructional evaluation and teacher promotion; objectives and activities of teachers' organizations; pupil classification and promotion; pupil personnel work; research in the organization, personnel, and instructional aspects of supervision in the elementary school.

Designed to meet one-half of the special certification requirements for those preparing to be supervisors in the elementary schools of New York State. Course may precede or follow Ed. 815; Prerequisite, three years of teaching in the elementary school.

3 Semester Hours

July 6—22

10:30—1:00

Education 815: Supervision B: Instructional Program of the Elementary School

Pertains to guiding the child, developing the curriculum, and improving instruction in the elementary school. Units include: aims of elementary education; principles of child development, learning, and school organization; nature, development, and adaptations of curriculum; cocurriculum program of school; instructional procedures, techniques and adaptations; evaluation of child development, curriculum and school program; current literature (philosophy, practices, and research) in areas of elementary school supervision.

Course designed to meet one-half of certification requirements for those who wish to qualify as supervisors in elementary schools of New York State. Course may follow or precede Ed. 814. Prerequisite, three years of teaching in the elementary school.

3 Semester Hours

July 25—August 13

10:30—1:00

Education 816: Elementary School Principalship I: Organization and Personnel

Course relates to organization of school and school system; pupil population and accounting; selection, qualifications, responsibilities, supervision, inservice growth of school personnel; operation and services of professional organizations; organization of curriculum and pupil personnel work; evaluation of teacher services; and promotion policies; ordering and care of equipment and supplies; care of buildings and grounds; work and qualifications of principal as leader in school, profession, community; evaluation of various aspects of school program; experimentation and research in elementary school administration.

Companion course of Ed. 817 for those seeking state certification as principal. May follow or precede Ed. 817. Prerequisite, three years of teaching in the elementary school.

3 Semester Hours

July 6—22

10:30—1:00

Education 817: Elementary School Principalship II: Administration and Supervision

Includes work of the elementary school principal in the field of supervision and administration. Areas of work include: pupil census, admission and classification; objectives of the elementary school; principles of child development and guidance; organization and development of the school curriculum; cocurricular activities and problems; instructional methods and problems; supervisory problems; coordination of the teaching-learning program of the school; evaluation, diagnosis, and remedial direction of the instructional program; pupil progress, records and reports; experimentation and research in aspects of school supervision and administration.

For teachers, supervisors, and principals. Prerequisite: three years of teaching in the elementary school. Designed to meet one-half requirement for principal's certificate as prescribed by State Education Department. May be taken after or before Ed. 816.

3 Semester Hours

July 25—August 13

10:30—1:00

Education 840: Individual Problems in Elementary Education

For experienced teachers, supervisors and principals who wish to work independently on inservice problems calling for research and consultant services. Arrangements made with one's adviser and by advance registration. Plans to be approved by Graduate Council.

Credit to be arranged

ENGLISH

English 112: Communication Skills

Second semester of a year course in study and practice of reading, writing, speaking, and listening skills; argumentation, persuasion, description; research paper, group and panel discussion; diction and advanced elements of communication techniques.

3 Semester Hours

8 Weeks

8:00—8:50

English 202: Speech Practice

Practice in a varied range of experience in speech communication; special attention to social and professional needs of student; includes intensive practice in analysis of recorded voice, for improvement in phrasing, vigor, quality of diction, and variety.

3 Semester Hours

6 Weeks

11:00—12:15

English 221: American Literature and Composition

Two sections. First semester of a year course; study of important pieces of American literature as an introduction to critical appreciation of literature; advanced composition based on analysis and discussion of the ideas and techniques of the literature. Required of all sophomores in partial satisfaction of college requirements of advanced composition and of literature (counts as 2 hours composition, one hour literature).

3 Semester Hours

8 Weeks

11:00—11:50

1:00—1:50

Foreign Languages 702: Masterpieces of European Literature II

Study of such philosophical writers as Plato, Voltaire and Rousseau; also narrative writers such as Ovid, Balzac, and Dostoyevski. Course designed to give appreciation of landmarks in literature. Course 701 is not prerequisite for 702.

2 Semester Hours	6 Weeks	8:00—8:50
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Foreign Languages 707: Introduction to Oriental Literature (The China Institute)

Study in translation of several major oriental writers with emphasis upon thought and the representation thereof. Important ideas and concepts are traced in varying cultures, as for example, in Chinese and Indian.

2 Semester Hours	July 18—29	11:00—3:00
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English 712: American English Grammar

Study of modern descriptive grammar based on current American usage; practical application of modern methods of observing language habits; different levels of usage and conflicting usages; historical and social influences. Prerequisite: English 620, 711, or consent of instructor.

2, 3 Semester Hours	6, 8 Weeks	12:00—12:50
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English 722: English Literature 1780-1900

Reading in representative work of important writers from Burns to Hardy, showing development of English literature; emphasis on Wordsworth, Keats, Tennyson, Browning, Carlyle, Thackeray, Arnold; poetry, prose, novel. Not open to students who have had English 622.

3 Semester Hours	6 Weeks	9:35—10:50
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English 743: English Novel Before 1900

Study of representative novels of important writers, such as Fielding, Sterne, Austen, Dickens, Thackeray, the Brontës, Eliot, Meredith, Hardy.

2 Semester Hours	6 Weeks	1:00—1:50
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English 751: Studies in American Literature

An advanced course of intensive study of a few important writings or of two or three authors of the 19th and 20th Centuries; special reference to political and social thought and to literary techniques. Prerequisites: one course in American literature or consent of instructor.

2 Semester Hours	6 Weeks	11:00—11:50
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English 756: Development of American Literature

A course designed for, and restricted to, graduate students and teachers who have not taken previously a course in American literature; study of important writings from the beginnings to the present day, as they reflect American life and thought. Not open to students with credit in Eng. 221 and 222.

3 Semester Hours	6 Weeks	8:00—9:15
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English 760: Studies in Contemporary Literature

An advanced course of intensive study of a few important writings of two or three authors of the 20th Century in America, Britain, and Ireland. Prerequisites: One course in the literature of the 20th Century, or consent of the instructor.

3 Semester Hours	6 Weeks	9:35—10:50
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English 773: Oral and Dramatic Interpretation

Analysis and oral presentation of selections from prose literature, verse, and dramatic dialogue; study of intellectual and emotional values of selections and their interpretation by means of voice and action; individual and group performances; student critical evaluations of performances.

3 Semester Hours	6 Weeks	9:35—10:50
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English 774: Problems in Speech Correction

Orientation of the classroom teacher to speech needs of pupils; study of the major speech problems encountered in class and extra-curricular activities; recognition of articulatory vocal and rhythmical disorders; observation and practice in clinical techniques.

3 Semester Hours	6 Weeks	9:35—10:50
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English 776: Play Directing

An analysis of the director's duties; principles and methods of choosing plays for production; organization of the production staff; casting; coaching actors; the techniques of planning and conducting rehearsals and performances.

3 Semester Hours	6 Weeks	1:00—2:50
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MUSIC

Music 101: Essentials of Music

Designed for students with little or average preparation in music. Study of keyboard and application of music theory to sight reading, song singing, ear training and conducting. Students with considerable music background have an opportunity to proceed directly to Music 102A.

2 Semester Hours	8 Weeks	1:00—1:50
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Music 503: Symphonic Music

A course in understanding and appreciation of great masterpieces of symphonic music. Studied in relation to general historical backgrounds and to the development of music as an art.

3 Semester Hours	6 Weeks	9:35—10:50
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Music 702: Music Integration

Study of the integration of music with social studies, English, art and physical education in the public school program. Creative musical expression through original melodies and dances in connection with these fields.

2, 3 Semester Hours	6, 8 Weeks	8:00—8:50
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Music 706: Contemporary Music

A course devoted to the instrumental and vocal music of the twentieth century. Designed to acquaint students with various experiments in composition. Emphasis will be placed on contemporary music of the United States.

3 Semester Hours

6 Weeks

12:35—1:50

Education 721: Seminar in Music in the Elementary School

Develops teacher's understanding of role of music in elementary school, and how children can be effectively guided in developing musical experiences. Emphasis placed upon reading-songs. For ITTP and other teachers.

2 Semester Hours

6 Weeks

9:00—9:50

PHYSICAL EDUCATION, HEALTH AND RECREATION DEPARTMENTS

PE 102, 201-202: Physical Education Activities

A varied program of developmental and recreational physical education activities.

1 Semester Hour Each

6 Weeks

2:00—2:50

3:00—3:50

HP 201: Organization and Administration of the School Health Program (Health Services in Schools)

Study of the health status of the child: medical, dental and nursing service; the control of communicable disease; provision for a wholesome school environment; and the organization of the instructional program of health.

2 Semester Hours

6 Weeks

11:00—11:50

HE 203 & 204: Nutrition I and II

A study of the nutritional needs at the various age levels together with an analysis of the nutritional status of the American people, leading to an understanding of the nutritional basis for healthful living. Includes practice in methods of learning; intelligent food preparation and serving, as well as instruction in meal planning and costs. Emphasizes student experience in maintaining an optimum nutritional status. Offered as one unit for Health Education students during one semester. Includes laboratory experiences.

2 Semester Hours

6 Weeks

10:00—10:50

HP 204: Applied Anatomy

Analysis of the fundamental and complex motor movements involved in physical education activities, based upon anatomical, mechanical, and physiological principles. Prerequisites: Science 102 and 201.

2 Semester Hours

6 Weeks

9:35—10:50

PE 303: Physical Education for Teachers

Philosophy, principles, aims and methods of physical education and the materials for the elementary school physical education program for classroom teachers. Required of and open only to General Elementary Education students.

2 Semester Hours	6 Weeks	9:00—9:50 2:00—2:50
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HP 306: Physical Inspection

A course to familiarize the student with methods of physical inspection, commonly occurring school health problems, and the relationships of teaching staffs to health service personnel. Open to Elementary Education students.

2 Semester Hours	6 Weeks	11:00—11:50
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HP 405: Physiology of Exercise

Acquaints students with the physiological adjustments and changes occurring in the human organism as a result of physical activity. Emphasizes the physiology of muscular contraction; and the role of the circulatory and respiratory systems in exercise. Lectures, recitation, and laboratory work. Prerequisites: Science 102 and 201.

2 Semester Hours	6 Weeks	8:00—9:15
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HP 407: Mental and Emotional Health

Study of the mental hygiene of the normal individual with a detailed analysis of the factors underlying maximum effective personality development and adjustment. Personality aberrations introduced only as essential to a more comprehensive understanding of the normal.

2 Semester Hours	6 Weeks	8:00—8:50
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HE 409: Organization and Administration—Seminar in Health Education

Identification and study of individual problems evolving from the student's off-campus experience in school or public health education. Planned to allow ample opportunity for individual conferences with faculty members. Selection of major areas of study by the individual student with the guidance of the instructor.

2 Semester Hours	6 Weeks	1:00—1:50
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HP 517: Driver Education (Short Course)

For instructors of Driver Education in the high school covering organization and supervision, teaching methods, teaching aids; use of psychophysical tests, skill tests, and road tests; practical instruction in dual control car. Driving experience and New York State Operators License required. Under present state regulations, only teachers with secondary school certification can be employed as teachers of Driver Education. A charge to cover car operation costs is required.

2 Semester Hours	August 15—26	Full Time
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HE 609: Methods for School Dental Hygiene Teachers

Study, evaluation and practice in the various methods that may be effective in teaching dental hygiene. Materials including audio-sensory aids accumulated and demonstrated. Actual practice provided in the use of both methods and materials.

2 Semester Hours

6 Weeks

9:00—9:50

HE 610: Organization and Administration of Case Studies in Dental Hygiene

An introductory course in social case work, dealing with the dental hygienist's approach to the family, compiling data, histories and case reports; the use of voluntary and official organizations in coordinating dental hygiene in general health service.

2 Semester Hours

6 Weeks

8:00—8:50

FA 701: The Arts and Leisure

Utilization of the arts in leisure. Creative expression through various media and art forms. Lecture, discussion, and laboratory experiences.

2 Semester Hours

6 Weeks

8:00—8:50

HE 703: Global Health Problems

Study of the health conditions and problems in major geographical areas of the world. A thorough presentation of current developments in the health program of the United Nations Organization.

2 Semester Hours

6 Weeks

9:00—9:50

PE 726: Advanced Activity Program Clinic in Wrestling

Designed for advanced coaching techniques for teachers of wrestling in the public schools. Analysis of contemporary theory and practice in wrestling techniques. Development of an educational program in wrestling for the public schools. One hour daily plus laboratory hours to be arranged.

2 Semester Hours

6 Weeks

9:00—9:50

PE 727: Advanced Activity Program Clinic in Golf

Emphasizes analysis and teaching techniques for golf with particular emphasis upon the development of an educational program in golf for the public schools. One hour daily plus laboratory hours to be arranged.

2 Semester Hours

6 Weeks

10:00—10:50

HE 780: School Health Services (Workshop)

Designed for school physicians, dental hygiene teachers, school nurse teachers, and any graduate or undergraduate students whose professional activities include the teaching of health. Staffed by both visiting and resident lecturers and consultants representing recognized leadership in all areas of school health services. Organized on a lecture, and work group basis. Special consideration given to specific problems and interests of individual students.

2 Semester Hours

July 25 to August 5

11:00—3:00

HE 802: Seminar in the Supervision and Administration of School Health Education

Emphasis upon the study of significant problems in organization, administration, and supervision of the school health program. Through individual study, group participation, and use of consultants, suggested techniques of application and solutions of problems are presented for evaluation and criticism.

2 Semester Hours

6 Weeks

8:00—8:50

PE 802: Workshop in Supervision of the Public School Physical Educational Program

Study of basic principles of supervision. Emphasis on practical problems confronting supervisors of physical education programs and upon supervision as a cooperative process.

3 Semester Hours

6 Weeks

1:00—2:15

HE 803: Individual Problems in Health Education

Teachers with unique in-service problems consult and confer with specialists in their field. Effective practical solutions sought in terms of the local situations and the school-community needs, interests and resources.

To be arranged

PE 803: Individual Problems in Physical Education

An individual study project designed to permit teachers in service with unique problems to consult with specialists in their field. Effective practical solutions sought in terms of the needs, interests and resources of the local school and community.

To be arranged

RE 803: Individual Problems in Recreation

Teachers and recreation leaders with in-service problems consult and confer with specialists in their field. Effective practical solutions sought in terms of the local situations and the school-community needs, interests and resources.

To be arranged

RE 805: Appraising Community Recreation Resources

Methods of studying community recreation needs. Surveying existing recreation facilities, unused space and facilities, incidence of delinquency, and recreational coverage of various community agencies. Techniques developed for discovering volunteer recreational leadership talent. Students required to make actual surveys and reports in home and/or local community.

2 Semester Hours

6 Weeks

11:00—11:50

PE 810: Study of Educational Research

Considers the nature, scope and methodology of research in education, with emphasis on the fields of health, physical education and recreation. Pro-

vides the basis for an understanding and appreciation of research literature, and for the development of original research by the student.

2 Semester Hours	6 Weeks	8:00—8:50
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PE 811a-811b: Seminar in the Directorship of Physical Education and Related Areas

Seminar covering administrative problems confronting city and village directors of school physical education and the related areas. A full time practical approach to the responsibilities of the director for teachers with experience. Admission by application submitted to the Director of Education for Health, Physical Education and Recreation.

4 Semester Hours	1st 3 Weeks	9:00—11:50
4 Semester Hours	2nd 3 Weeks	and 1:00— 2:50

SCIENCE

Science 102: Anatomy and Physiology I

An intensive study of the human skin, circulatory, respiratory, digestive and excretory systems as parts of the living body. Special emphasis on nutrition, metabolism and basic physiology for physical education majors. Two lectures, one double laboratory-demonstration period.

3 Semester Hours	6 Weeks	8:00—9:50
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Science 103: Animal Biology

Familiarity with basic laws, principles and theories of biology is a major objective. Nature and interpretation of life. Type studies of increasingly complex forms of animal life. Man's control of animal life. Man's applications of biological discoveries. One hour lecture and two double laboratory periods.

3 Semester Hours	8 Weeks	8:00— 9:30
		10:00—11:30

Science 205: Elementary Organic Chemistry

An introduction to the study of the carbon compounds dealing chiefly with the aliphatic series, and a brief survey of the fats, proteins and carbohydrates. Emphasis on basic organic chemistry leading to an appreciation of organic chemistry in modern life. One hour of lecture and two double laboratory periods. Prerequisite: Science 105 or approval of instructor.

3 Semester Hours	6 Weeks	8:00—9:50
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Science 704: Field Botany

Plants studied in their natural habitats, with reference to their identification and classification, and the various environmental situations in which they grow. Consists largely of field trips, supplemented by laboratory studies of the methods of collecting, preserving, and identifying plants. One lecture and two double-period laboratory periods.

3 Semester Hours	6 Weeks	1:00—2:50
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Science 707: Descriptive Astronomy

A non-mathematical study of the constellations, moon, planets and other astronomical objects of our galaxy. One lecture and one double period for observation and laboratory exercises.

2 Semester Hours

6 Weeks

10:00—10:50

Science 715: Applied Chemistry

Home and community applications of chemistry. Emphasis placed upon the chemistry involved in agriculture, water softening, sanitation, cosmetics, detergents, foods, cooking. Prerequisite: Science 205 or its equivalent. One hour lecture and two double laboratory periods.

3 Semester Hours

6 Weeks

11:00—12:50

Education 726: Seminar in Science in the Elementary School

Work includes development of teaching projects for children, and locating various sources of teaching aids. Emphasis given to organizing pupil activities for effective units of a science program in the elementary school. For teachers and supervisors of the elementary school, including ITTP teachers.

2 Semester Hours

6 Weeks

2:00—2:50

and Mon., Wed. 3:00—3:50

Education 807: Seminar in Secondary School Science Methods

For teachers seeking certification in the sciences. Selection of course content, teaching aids, and materials. Preparation for and methods of teaching, including demonstrations, group and individual experiments, exhibits, field trips, notebooks, class organization. Thorough consideration given to principles of science important in the secondary school.

2 Semester Hours

6 Weeks

8:00—8:50

SOCIAL STUDIES

Social Studies 520: Introduction to American Government

Designed as a study of the framework of our national government, its organization, its application to our national life and its evolutionary changes in our modern age.

3 Semester Hours

8 Weeks

11:00—11:50

Social Studies 521: Introduction to Sociology

A survey of sociological principles and their application to personal and social problems. Attention to the processes of social interaction and their outcomes for human behavior.

3 Semester Hours

8 Weeks

8:00—8:50

12:00—12:50

Social Studies 618: Founding of the American Nation

Covers the period from 1763 to 1790, with attention to all phases of the Revolutionary period, to the economic, social and political problems of the "Critical Period," and to the establishment of the new nation.

2 Semester Hours

6 Weeks

10:00—10:50

Social Studies 702: Issues in American History

Designed to refresh American history background. Requires a basic knowledge of the subject. Attention to the changing front of historical scholarship, such as the revisionist theories in regard to the Turner frontier thesis.

3 Semester Hours

6 Weeks

11:00—12:15

Social Studies 704: Recent American History

Advanced course, emphasizing the emergence of modern economic problems and their effect upon political policy and reform during the Populist and Progressive Movements. Study of "return to normalcy," economic and political problems of the 1920's, and the depression. Roosevelt and the new deal, and subsequent Truman and Eisenhower administrations.

3 Semester Hours

6 Weeks

12:35—1:50

Social Studies 711: Workshop in the History of New York State

Designed for special situations such as an historical tour of New York State or participation in the Seminars in American Culture held at Coopers-town each summer. See special announcements and leaflets.

1 Semester Hour

June 26—July 8

11:00—3:00

Social Studies 712: Regional Geography of Europe

A regional study of the continent of Europe using geographic principles to understand the major problems of social and industrial reorganization and participation in world affairs.

2 Semester Hours

6 Weeks

9:00—9:50

Social Studies 713: Geography of Asia

A study of the geographic factors of physical environment and human activities on the world's largest land mass as a basis of understanding the cultural, economic and political problems of the Far East.

2 Semester Hours

6 Weeks

8:00—8:50

Social Studies 717: Global Geography

An intensive study of areal distribution of power factors such as location, surface features, climate, and resources as a basis for understanding economic, social and political problems.

2 Semester Hours

6 Weeks

1:00—1:50

Social Studies 719: Biography of Great Americans

An examination of our national development through the media of biographical materials. Discussion of certain representative American figures and of our important biographical literature.

3 Semester Hours

6 Weeks

8:00—9:15

Social Studies 735: Teaching State and Local History (Workshop)

Open only to teachers of experience. Entirely on an individual basis, each student working with problems or materials applicable to his own needs. Designed for teachers interested in the correlation of local materials with required subject matter, as well as those who teach local history or the history of New York State.

1 Semester Hour

July 11—15

11:00—3:00

Social Studies 743: The United States Constitution and Its Interpretation

A study of the structure and historical development of our constitution. Special attention to currently discussed constitutional interpretations and the many controversies arising from such discussion.

3 Semester Hours

6 Weeks

9:35—10:50

THE GRADUATE DIVISION

The Summer Session for 1955

Regular Session.....	July 6—Aug. 13
Seminar in Reading in the Elementary School	July 6—July 22
Teaching State and Local History....	July 11—July 15
China Institute.....	July 18—July 29
Health Services Institute.....	July 25—Aug. 5
Elementary Education Institute.....	July 25—Aug. 13
Curriculum Construction in the Ele- mentary School.....	July 25—Aug. 13
Directorship in Health and A.	July 6—July 22
Physical Education..... B.	July 25—Aug. 13
Driver Training.....	Aug. 15—Aug. 26

Curricula Leading to the Master's Degree

General Elementary Education	Early Childhood Education
Physical Education	Health Education Recreation Education
Intensive Teacher Training Program in Elementary Education	
Elementary School Supervision	
Elementary School Principalship	

REGULATIONS AND PROCEDURES

The Graduate Program at Cortland

The several graduate curricula have been developed in terms of the needs and interests of teachers in service. Each curriculum provides for study in both the professional and the liberal-cultural fields with a wide range of choice. When a student is matriculated and becomes a candidate for the master of science degree, an adviser is assigned. It is the function of the adviser to plan with the student so that his program becomes genuinely functional and useful.

Graduate study is offered at Cortland chiefly during the summer session. Extension courses are available during the regular academic year. Thus teachers may earn their master's degree while continuing their regular employment.

Admission to Graduate Study

Individual graduate courses in the college are open to students who hold a baccalaureate degree from a recognized college and to individuals who through personal study and maturity satisfy instructors that they may profitably pursue such courses. Admission to graduate study does not constitute candidacy for a master's degree. Admission to a program of graduate study is arranged through consultation with the director of the division in which the student's major work will be taken. A student is considered a candidate for the master's degree only upon completion of matriculation with the Graduate Council of the college.

Certain graduate courses, those numbered in the seven hundreds, are open to both graduate students and to senior undergraduates who obtain the permission of their advisers. Students who are in their final semester of undergraduate study and whose undergraduate schedule contains less than a full program may be admitted to a limited amount of study for graduate credit.

Matriculation for the Master's Degree

Graduate students become candidates for the master's degree only through the process of matriculation. When a student has completed a minimum of six semester hours in residence with grades of B or above, he may apply for matriculation on a form provided

by the major field advisers or available in the graduate office. Students are urged to apply for matriculation as soon as they are eligible and thus avoid the possibility of taking courses which may not be acceptable for the master's degree. The Graduate Council of the college acts upon these applications and informs the student by letter of the action of the council. Students in their first summer of resident study should obtain matriculation forms and file them at the close of the session. At the time of matriculation an adviser is appointed. In general, the College expects a minimum of 18 hours to be completed after matriculation.

The Graduate Student and his Adviser

Graduate students must plan their programs for the completion of the work for the master's degree with their advisers. If one's adviser is not in residence for the summer or other term, the student will then consult the director of the major division.

Extension Courses and Transferred Credit

All courses that are counted toward the master's degree must be approved by the adviser. Therefore it is most important that such approval be arranged *in advance of taking a course* in extension or from some other college. Any course credited toward the degree must fit into the general prescription of requirements and must be applicable to the purpose of the program, e.g., a course in secondary education may be useful in physical education but not in elementary education.

Credit Requirements for the Master's Degree

A total of 32 semester hours of study is required for the master's degree in each of these curricula. In General Elementary Education the total is divided as follows: (a) 12 to 16 semester hours of courses, seminars, and workshops in professional education and (b) 16 to 20 semester hours of study in the liberal-cultural area. In the special fields of Health, Physical, and Recreation Education, the total program consists of the following: (a) 10 to 12 semester hours of study in the field of specialization, (b) 4 to 10 semester hours in a field related to that of specialization, and (c) 10 to 18 semester hours of study in the liberal-cultural area.

The college requires that each candidate for the master's degree

meet the curricular requirements for the degree and also certification requirements in the field in which the degree is awarded.

In general, twenty-four of the thirty-two semester hours required for the master's degree must be taken on the campus at Cortland either in summer sessions or in on-campus extension courses. However, for students who completed their undergraduate work at Cortland, the total residence may be reduced to twenty semester hours by approval of the Graduate Council, provided that the total of 12 semester hours to be transferred or taken in off-campus extension includes a minimum of 4 semester hours *taken in residence* at some other college.

Credit toward the master's degree will be accepted in transfer from other accredited colleges that award a graduate degree and provided the courses fit into the curricula offered at Cortland and meet the standards set by this college. The adviser should be consulted and approve courses in advance of enrollment.

Scholarship Requirements and Student Load

Each candidate for the degree must complete 17 credit hours with "A" or "B" marks. Under no circumstances will the passing grade of "D" be counted for credit toward the master's degree.

Satisfactory evidence of superior teaching ability on the part of the student must be in the hands of the Graduate Council before a recommendation for the granting of the degree will be made.

The normal load during the summer session is one semester hour for each week of session time. For the six weeks session, superior students may petition the Graduate Council for permission to carry additional hours but in no case will more than eight hours be allowed during such a session. Petitions to carry extra work must be filed with the Graduate Council on the first day of registration.

Research Project or Thesis

A candidate for the master's degree may pursue a particular investigation or field study and substitute this for 2 to 6 hours of the total requirement. The project or study must be planned with the candidate's adviser and the plan formally approved by the Graduate Council before the project is officially undertaken. The final report must meet the college's standards of presentation and after being approved by the adviser will be examined and evaluated by the Graduate Council.

Fees and Expenses

The tuition fee for graduate study is \$12.50 per semester hour of credit. Additional charges to cover laboratory supplies and costs of field trips will be collected in courses where they are essential. The regular student union assessment as shown in the fore part of this bulletin is paid by students in summer resident study. All fees are payable at the time of enrollment.

A graduation charge of \$12.00 to cover the cost of the diploma and academic procedures at the time of the award of the degree is payable before the degree is granted.

Time Limitation

Credit to be offered for the master's degree must, as a rule, be completed within six years from the date of matriculation. In special cases this period may be extended by action of the Graduate Council.

The Award of the Degree

Upon completion of the requirements for the degree, the Graduate Council will consult with the special department concerned and recommend the candidate to the graduate faculty for the degree, Master of Science. The degree will be conferred at the annual commencement in June after the work is completed.

GRADUATE CURRICULA

A graduate student is matriculated in one of the special curricula shown below. The program which he pursues must be designed to meet state certification requirements in his special field if such certification has not already been met.

The several curricula leading to the master's degree allow considerable latitude in choice of courses. This is done so that the needs and interests of teachers may be met. Each student's program must fall into the general framework of a curriculum as shown below but this must be done through advisement so that it becomes a planned program for that particular student. The adviser finally must recommend the award of the degree and the Graduate Council must approve the award.

Elementary Education

Elementary Education: Kgn.—Gr. 8

Early Childhood Education: Nursery—Gr. 3

1. Courses in professional education 12 to 16 Sem. Hrs.
2. Courses in liberal-cultural fields 16 to 20 Sem. Hrs.

Elementary School Principalship

Elementary School Supervision

1. Courses in professional education 16 Sem. Hrs.
2. Courses in liberal-cultural fields 16 Sem. Hrs.
(Professional courses must meet state certification and college prescriptions.)

Special Fields

Health Education

Recreation Education

Physical Education

1. Courses in field of specialization 10 to 12 Sem. Hrs.
2. Courses in field related to field of specialization 4 to 10 Sem. Hrs.
3. Courses in liberal-cultural fields 10 to 18 Sem. Hrs.

Intensive Teacher Training Program

General Elementary Education: Kgn.—Gr. 8

Early Childhood Education: Nursery—Gr. 3

1. Courses in professional education 26 to 30 Sem. Hrs.
2. Courses in liberal-cultural fields 2 to 6 Sem. Hrs.
(Adaptations are made in terms of student's undergraduate background and certification requirement.)

THE INTENSIVE TEACHER TRAINING PROGRAM

The Intensive Teacher Training Program is offered by the State University Teachers College in cooperation with the State Education Department and its Office of Teacher Certification. This program is designed for graduates of accredited colleges who wish to teach in the elementary school but whose undergraduate programs did not prepare for such work.

All work offered is on the graduate level and includes such professional areas as are needed to prepare for certification to teach in the elementary school. Temporary certification to teach in the elementary schools of New York State is granted after each summer's work until the master's degree and permanent certification are earned through four or five summers of study. Even though the student may have finished the required courses and credits for permanent certification, he is not eligible for such until he has earned the master's degree in this special program and is recommended to the State Office of Teacher Certification by the college. The time required to complete the program may be shortened by taking extension work. The first two summers in this program must be consecutive.

College graduates who wish to take this program should make all plans with the college for meeting the requirements of state certification.

Requirements for Certification to Teach

<i>Certification Areas</i>	<i>Semester Hours</i>
1. Observation and supervised student teaching in elementary schools.....	12 to 15
2. Elementary school methods and materials....	8 to 12
3. Psychology for teachers, child development and/or child psychology.....	6 to 10
4. History, principles, problems and/or philosophy of education.....	2 to 6
Total	36

Note: The 12-15 semester-hour requirement in student teaching may be waived through two years of successful teaching in the elementary school on an emergency certificate, leaving 24 semester hours of work in areas 2, 3, and 4 above.

The above distribution of certification credits applies to both the certificate for Elementary Education (kindergarten through eighth grade), and the certificate for Early Childhood Education (nursery school through third grade). Observe the specific course recommendations for each certificate on the following page.

Program for First Summer ITTP

Education ITTP-I: Integrated Professional Study 6-8 hours
The program for the first summer's work includes 6 to 8 semester

hours of the following integrated professional study done in the classroom with children:

- | | |
|--|--------|
| a) Teaching-participation (Area 2) | 4 S.H. |
| b) Child Study (Area 3) | 3 S.H. |
| c) School Organization-Administration for Teachers
(Area 4) | 1 S.H. |

This integrated professional program has a special staff of master teachers and consultants who work with children. The daily schedule includes work with children, conferences, community and field trips, lectures and library work. Elementary Education students work with children in one or more of the grades from kindergarten to the eighth. Early Childhood Education students work with children in one or more levels from the nursery school to third grade.

This first summer's work is designed primarily for college graduates who have not taught and who have not had professional courses in their undergraduate programs. The Intensive Teacher Training Program will, however, utilize any acceptable undergraduate professional courses which the student may have had.

A student having a teaching position is eligible for temporary certification after a satisfactory summer's work.

Program for Second and Third Summers ITTP

During the student's second and third summers of his Intensive Teacher Training Program he will, through the aid of an adviser, pursue such professional courses in the graduate program as will meet his individual needs and the requirements for permanent certification. Course work will be adapted to the counseled needs of the student. The facilities of the college elementary school will be available.

In selecting courses which will meet requirements in the areas of certification, observe the listings below as guides:

- Area 1. The 12 to 15 S.H. requirement in student teaching is waived for two years of successful teaching. The teacher will work in the grade level area in which she wishes certification. (Early Childhood Education—Nursery to 3rd gr.; Elementary Education—Kdg. to 8th gr.)
- Area 2. Methods and Materials (8-12 S.H.)
- a) For certificate in Elementary Education:
 (*4 S.H., Ed. ITTP-Intg.—Teaching-participation, required the first summer.)

*4-8 S.H., elected by advisement (2nd to 5th Sum.) from courses, Ed. 703, Ed. 718, Ed. 720 to 729, Ed. 801-A, and some other "methods and materials" courses, by advisement.

- b) For certificate in Early Childhood Education:
(*4 S.H., Ed. ITTP-Intg.—Teaching and Participation, required the first summer.)
*4 S.H., Ed. 801-AE (2nd Sum.)
*4 S.H., Ed. 802 (3rd Sum.)
*4 S.H., Ed. 805-AE (4th Sum.)
Elected by advisement: Ed. 703-E, Ed. 718, Ed. 720 to 729, and other "methods and materials" courses adapted to lower age level work.

Area 3. Child Development (6-10 S.H.)

- a) For certificate in Elementary Education
(*3 S.H., Child Study in Integrated Program, 1st Sum.)
*3 S.H., Ed. 700-I (2nd Sum.)
2-3 S.H., Ed. 700
- b) For certificate in Early Childhood Education
(*3 S.H., Child Study in Integrated Program, 1st Sum.)
*3 S.H., Ed. 700-IE (2nd Sum.)
2-3 S.H., Ed. 700

Area 4. History, principles and/or philosophy of Education (2-6 S.H.)

*All teachers take Ed. 810 for 2 S.H. (2nd, 3rd, or 4th Sum.)

- Note: 1. If the student's undergraduate transcript carries courses which are acceptable for certification, he should elect other graduate courses which will help him in his teaching.
2. The student who works toward supervision, or principalship certification, should first finish his requirements for certification to teach in the elementary school. If he has had little or no undergraduate work in areas of certification to teach, certification in supervision or administration may require more than the 32 S.H. of graduate work for the M.S. degree.

* Required for respective certifications, unless substitutions of an equivalent nature are approved.

Program for Fourth and Fifth Summers ITTP

The fourth and fifth summers' work may be used to finish any certification requirements, and to meet the teacher's inservice needs to complete a balanced program for the Master of Science degree.

Procedure for ITTP Student in Obtaining Certificate

1. First summer students will be furnished an application form sent to the college by the State Office of Teacher Certification, (SOTC). The student will complete Part I, and pay \$3.00 for the cost of issuing an emergency certificate valid for one year. The college will forward to the SOTC the application and fee. Renewable emergency certificates will be issued to individual students upon the successful completion of successive summer programs.
2. The student in the second and subsequent summers in the ITTP should proceed as follows in having the certificate renewed. The student's renewable certificate should be returned directly to the SOTC with the name of the superintendent with whom the student will teach the following year. After endorsement by the SOTC, the certificate will be returned to the superintendent.
3. When the student has become eligible for permanent certification, i.e., he has completed the requirements of the college for the master's degree and the certification requirements prescribed by the college, (based upon the requirements of the State Education Department), he should proceed as follows:
 - a) Request the Registrar to secure testimony of two years of successful teaching from the superintendent or principal.
 - b) Apply to the college for the M.S. degree, and verification of having met the degree and certification requirements. Such verification will be sent to SOTC.
 - c) After the State Office of Teacher Certification has received the college's verification of the eligibility of the student for certification and the M.S. degree, the student will be sent a new application form for a permanent certificate. The student will complete Part I of the application and give it to his superintendent to complete Part III, accompanied by a \$3.00 fee for the SOTC. (The college does not need to complete Part II, since the data have already been supplied to the SOTC.) The application should be sent directly to the SOTC by the superintendent. The SOTC will mail the certificate.

SUPERVISION AND PRINCIPALSHIP

Prerequisites for Supervision and Principalship

1. A bachelor's degree.
2. Certification to teach in the elementary school.
3. A minimum of three years of teaching in the elementary school before completing work for supervisor or principal and the master's degree.

Elementary School Supervisor's Program

Program of graduate courses includes:

1. Required areas in Education..... 12 S.H.
Ed. 700 Advanced Child Study (or comparable
course) 2-3 S.H.
Ed. 703 Evaluation and Guidance in the Ele-
mentary School..... 2-3 S.H.
Ed. 812 Research in Elementary Education.... 2-3 S.H.
Ed. 814 Supervision A: Organization and Per-
sonnel of the Elementary School..... 3 S.H.
Ed. 815 Supervision B: Instructional Program
in the Elementary School..... 3 S.H.
2. Electives in Education, by advisement..... 1-4 S.H.
3. Electives in Cultural areas, by advisement..... 16 S.H.

Elementary School Principal's Program

Program of graduate courses includes:

1. Required courses in Education..... 12 S.H.
Ed. 700 Advanced Child Study (or comparable
course) 2-3 S.H.
Ed. 703 Evaluation and Guidance in the Ele-
mentary School..... 2-3 S.H.
Ed. 812 Research in Elementary Education.... 2-3 S.H.
Ed. 816 Elementary School Principalship I: Or-
ganization and Personnel..... 3 S.H.
Ed. 817 Elementary School Principalship II: Ad-
ministration and Instructional Supervi-
sion 3 S.H.
2. Electives in Education, by advisement..... 1-4 S.H.
3. Electives in Cultural areas, by advisement..... 16 S.H.

Note: The courses in supervision or principalship should generally be taken late in the graduate sequence.

SHORT SESSIONS IN ELEMENTARY EDUCATION

Seminar in Reading in the Elementary School

July 6-July 22

A seminar for inservice teachers and supervisors who are concerned with the problems of teaching reading in the elementary school. Developmental concepts are emphasized. Attention is given to recognition and diagnosis of pupils with difficulties and to means of stimulating and developing better reading abilities.

The seminar meets daily from 9:00 to 11:50 for the first three weeks of the summer session. Three semester hours of credit are available for experienced undergraduates and graduate students. Course designation: Education 723.

Institute in Elementary Education

July 25-August 13

This is a special three-week institute which provides conference and study facilities for teachers, supervisors, and principals who wish to spend only a limited time in considering important current problems in their elementary schools. The institute will be conducted by a director augmented by consultants and resource personnel from the summer staff. Here is an opportunity for teachers and administrators to meet together and discuss problems which confront them in their professional work.

The institute meets from July 25 to August 13 from 9:00 to 11:50 daily. Three semester hours of graduate or undergraduate credit are available. Those not wishing credit may enroll as auditors. Fees are the same as for other summer session courses. Course designation: Education 780.

Curriculum Construction in the Elementary School

July 25-August 13

For teachers, supervisors, and principals this three-week course, under the leadership of an able director and consultant, will present principles and practices in curriculum development in the elementary schools. The session will be functional in discussing the problems of curriculum development that confront the members of the group.

The course meets daily from 8:00 to 10:30 for the last three weeks of the summer session. Three semester hours of credit are given for graduate and experienced undergraduates. Those not wishing credit may enroll as auditors. Course designation: Education 765.

SPECIAL PROFESSIONAL OPPORTUNITIES FOR TEACHERS OF HEALTH AND PHYSICAL EDUCATION

Extension of Certification to Teach Science

Teachers presently certified in physical and/or health education may extend this certification to include the teaching of science in the secondary schools. The student follows the graduate program in health and/or physical education at Cortland and by selection of appropriate graduate courses in science may be certified to teach in this area. The following graduate courses in science are offered this summer: Science 704, Field Botany; Science 715, Applied Chemistry; Education 807, Seminar in Secondary School Science Methods; Science 707, Descriptive Astronomy. Students interested in this program should consult with their graduate advisers.

Directorship of Physical Education and Related Areas

This seminar applies toward the certification for directors of physical education established by the Board of Regents. The seminar is given in two units of three weeks each. The first unit or both units may be taken; each unit carries four graduate credit hours and consumes the full time of the student. The first unit begins July 6; the second, July 25. Advance registration is required since qualifications of experience, etc., are necessary for admission to the seminar.

During the past four summers consultants and resident staff have made this offering especially worthwhile and popular. The seminar deals with the administrative responsibilities of a director in relationship to philosophy, supervision, evaluation, budget, finance and program inclusions. For further information write to the Director of Health, Physical Education and Recreation.

Driver Education

This is a full-time two weeks' course which will qualify certified high school teachers for instruction in Driver Education. Applicants must have held a New York operator's license for at least two years. Driving experience and a satisfactory driving record are necessary. Included in the course are the following: organization and supervision of the high school program in driver education, teaching methods and materials, use of special tests. Practical instruction in dual control car operation is offered. Two undergraduate credit hours. August 15-26. Advance registration is essential. Write the Director of Health, Physical Education and Recreation.

SUMMARY OF CLASSES SCHEDULED

Classes Beginning at 8:00 a.m. or before

<i>Hour</i>	<i>Course No. and Title</i>	<i>Instructor</i>	<i>Cr. Hrs.</i>	<i>Weeks</i>
7:30-11:00	Ed. ITTP Intg. Prof. Study	Staff	6-8	6
7:30- 8:50	Ed. 703 and 703E Evaluation and Guidance in the Elementary School		3	6
8:00- 9:50	Art 201 Arts and Crafts	Harding	2	6
8:00- 8:50	Ed. 202b Child and Curriculum	Carter	3	8
8:00-10:30	Ed. 765 Curr. Construction in the El. School	Bristow	3	3
8:00- 8:50	Ed. 807 Secondary Science Methods	Lawrence	2	6
8:00- 8:50	Eng. 112 Communication Skills	Hoth	3	8
8:00- 9:15	Eng. 756 Development of American Literature	Keeler	3	6
8:00- 8:50	FA 701 The Arts and Leisure	Metcalf	2	6
8:00- 8:50	FL 702 Masterpieces of European Lit. II	Burd	2	6
8:00- 9:15	HP 405 Phys. of Exercise	Holloway	2	6
8:00- 8:50	HP 407 Mental and Emotional Health	Poskanzer	2	6
8:00- 3:00	HP 517 Driver Education	Miller	2	2
8:00- 8:50	HE 610 Org. and Admin. of Case Studies in Dental Hygiene	Conley	2	6
8:00- 8:50	HE 802 Seminar in the Supv. and Admin. of School Health Education	Timmel	2	6
8:00- 8:50	PE 810 Educational Research	Tesori	2	6
8:00- 8:50	Music 702 Music Integration	Doherty	2-3	6-8
8:00- 9:50	Sci. 102 Anatomy and Phys.	Schick	3	6
8:00- 9:30	Sci. 103 Animal Biology	Hall	3	8
8:00- 9:50	Sci. 205 Elem. Organic Chemistry	Fisk	3	6
8:00- 8:50	SS 521 Introduction to Sociology	Fausold	3	8
8:00- 9:15	SS 719 Biography of Great Americans	Brown	3	6
8:00- 8:50	SS 713 Geography of Asia	Hsieh	2	6

Classes Beginning at 9:00 a.m.

9:00- 9:50	Ed. 401b Professional Sequence Seminar	Mack	3	8
9:00-10:15	Ed. 700 Seminar in Advanced Child Study	Park	3	6
9:00- 9:50	Ed. 721 Seminar in Music	Doherty	2	6

<i>Hour</i>	<i>Course No. and Title</i>	<i>Instructor</i>	<i>Cr. Hrs.</i>	<i>Weeks</i>
9:00-11:50	Ed. 723 Seminar in Reading in the Elementary School		3	3
9:00-11:50	Ed. 780 Institute in Elementary Education	Tolsma & Staff	3	3
9:00-10:50	Ed. 801A Workshop in Elementary Education	Abernethy	4	6
9:00-10:50	Ed. 802AE Early Childhood Education	Hahn	4	6
9:00- 9:50	Ed. 810 School Org. and Admin. for Teachers	Bancroft	2	6
9:00- 9:50	PE 303 PE for Teachers	Cobane	2	6
9:00- 9:50	HE 609 Methods for School Dental Hygiene Teachers	Conley	2	6
9:00- 9:50	HE 703 Health Problems	Poskanzer	2	6
9:00- 9:50	PE 726 Adv. Act. Prog. Clinic in Wrestling	Miller	2	6
9:00-11:50	PE 811a-811b Sem. in the Directorship of Physical Ed. and Related Areas	Staff	4-4	3-3
9:00- 9:50	SS 712 Regional Geography of Europe	Hsieh	2	6
9:35-10:50	Eng. 722 English Literature 1780-1900	Thomas	3	6
9:35-10:50	Eng. 760 Studies in Contemporary Lit.	Hoth	3	6
9:35-10:50	Eng. 773 Oral and Dramatic Interpretation	Adams	3	6
9:35-10:50	Eng. 774 Problems in Speech Correction	M. N. Smith	3	6
9:35-10:50	HP 204 Applied Anatomy	Holloway	2	6
9:35-10:50	Music 503 Symphonic Music	Banse	3	6
9:35-10:50	SS 743 The U. S. Constitution	McCoy	3	6

Classes Beginning at 10:00 a.m.

10:00-11:15	Ed. RE 103 Educational Psychology	Baisler	3	6
10:00-10:50	Ed. 201b Child and Curriculum	Carter	3	8
10:00-10:50	Ed. 402b Prof. Seq. Seminar	Mack	3	8
10:00-11:15	Ed. 700-I and 700-IE Child Study		3	6
10:00-10:50	Ed. 720 Seminar in Art in the El. School	Kuhn	2	6
10:00-10:50	HE 203 Nutrition I	Childs	2	6
10:00-10:50	PE 727 Adv. Act. Prog. Clinic in Golf	Tesori	2	6
10:00-11:30	Sci. 103 Animal Biology	Hall	3	8
10:00-10:50	Sci. 707 Descriptive Astronomy	Lawrence	2	6
10:00-10:50	S.S. 618 Founding of the American Nation	Brown	2	6

<i>Hour</i>	<i>Course No. and Title</i>	<i>Instructor</i>	<i>Cr. Hrs.</i>	<i>Weeks</i>
10:30- 1:00	Ed. 814 Supv. A: Org. and Personnel of the Elem. School	R. Smith	3	3
10:30- 1:00	Ed. 815 Supv. B: Instructional Program of the Elem. School	R. Smith	3	3
10:30- 1:00	Ed. 816 Elem. School Principalship I	Walter	3	3
10:30- 1:00	Ed. 817 Elem. School Principalship II	Walter	3	3

Classes Beginning at 11:00 a.m.

11:00-12:15	Art 101 Art Essentials	Kuhn	2	6
11:00-11:50	Art 500 History and Apprec. of Art	Harding	2	6
11:00-11:50	Ed. 201b Child and Curriculum	Carter	3	8
11:00-11:50	Ed. 718 Audio Visual Aids	Coolidge	2	6
11:00-11:50	Ed. 722 Seminar in Mathematics	Sueltz	2	6
11:00-12:15	Eng. 202 Speech Practices	M. N. Smith	3	6
11:00-11:50	Eng. 221 American Lit. and Comp.	Thomas	3	8
11:00-11:50	Eng. 751 Study in American Lit.	Burd	2	6
11:00- 3:00	China Institute	Staff	2	2
11:00-11:50	HP 201 Health Service in Schools	Timmel	2	6
11:00-11:50	HP 306 Physical Inspection	Shultzaberger	2	6
11:00-11:50	RE 805 Comm. Recreation Resources	Metcalf	2	6
11:00- 2:50	HE 780 School Health Services	Poskanzer	3	2
11:00-12:50	Sci. 715 Applied Chemistry	Fisk	3	6
11:00-11:50	S.S. 520 Introduction to American Government	Fausold	3	8
11:00-12:15	S.S. 702 Issues in American History	Keeler	3	6
11:00- 3:00	S.S. 711 Workshop in the History of New York State	Cunningham	1	1
11:00- 3:00	S.S. 735 Teaching State and Local History	Cunningham	1	1

Classes Beginning at 12:00 Noon

12:00-12:50	Ed. 725 Seminar in Social Studies in the Elem. School	Abernethy	2	6
12:00- 1:50	Ed. 805AE Seminar in Early Childhood Ed.	Hahn	4	6
12:00-12:50	Eng. 712 American English Grammar	Hoth	2-3	6-8
12:00-12:50	S.S. 521 Introduction to Sociology	Fausold	3	8
12:35- 1:50	Ed. 102 Child Development	Mulholland	3	6

<i>Hour</i>	<i>Course No. and Title</i>	<i>Instructor</i>	<i>Cr. Hrs.</i>	<i>Weeks</i>
12:35- 1:50	Ed. 735 Diag. and Remed. Teaching	Mack	3	6
12:35- 1:50	Music 706 Contemporary Music	Banse	3	6
12:35- 1:50	S.S. 704 Recent American History	McCoy	3	6

Classes Beginning at 1:00 p.m.

1:00- 2:50	Art 201 Arts and Crafts	Harding	2	6
1:00- 2:50	Art 505 Advanced Arts and Crafts	Metcalf	2	6
1:00- 1:50	Art 704 Contemporary Art	Kuhn	2	6
1:00- 1:50	Ed. HP 308 Educ. Org. and Admin. for Teachers	Schroeder	2	6
1:00- 2:50	Ed. 801AE Workshop in Early Childhood Ed.	Craig	4	6
1:00- 2:15	Ed. 812 Educational Research	Hughes	3	6
1:00- 1:50	Eng. 221 American Lit. and Comp.	Thomas	3	8
1:00- 1:50	Eng. 743 English Novel Before 1900	Burd	2	6
1:00- 2:50	Eng. 776 Play Directing	Adams	3	6
1:00- 1:50	HE 409 Sem. Health Ed. Org. and Admin.	Conley	2	6
1:00- 1:50	Music 101 Essentials of Music	Doherty	2	8
1:00- 2:15	PE 802 Workshop in Supv. of Public School Physical Education Program	Tesori	3	6
1:00- 2:50	PE 811A, 811B Sem. in the Directorship of Physical Education and Related Areas	Weber		
1:00- 1:50	ITTP Methods and Materials Conference	Staff		
1:00- 2:50	Sci. 704 Field Botany	Hall	3	6
1:00- 1:50	S.S. 717 Global Geography	Hsieh	2	6

Classes Beginning at 2:00 p.m.

2:00- 2:50	(T.W.Th.) ITTP Sch. Org. Admin. Integrated	Coolidge		
2:00- 2:50	Ed. 101 Child Development	Schroeder	3	8
2:00- 2:50	Ed. HP 303 Hist. and Prin. of Education	Metzger	2	6
2:00- 3:50	Ed. 726 Seminar in Science in the Elem. School Lab. Mon. and Wed. 3:00-3:50	Lawrence	2	6
2:00- 2:50	PE 102 P. E. Activities	Holloway	1	6
2:00- 2:50	PE 202 P. E. Activities	Miller	1	6
2:00- 2:50	PE 303 P. E. for Teachers	Cobane	2	6

Classes Beginning at 3:00 p.m.

3:00- 3:50	PE 201 P. E. Activities	Miller	1	6
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FACULTY

Administrative Staff

Smith, Donnal V., Ph.D., L.L.D.....	<i>President</i>
Sueltz, Ben A., Ph.D.....	<i>Director of Summer Session and Chairman Graduate Division</i>
Moffett, Donovan C., Ph.D.....	<i>Dean of the College</i>
Allen, Ross L., Dr., P.H.....	<i>Director of Education</i>
Park, Maxwell G., Ph.D.....	<i>Director of Education</i>
Baisler, Albert W., Ph.D.....	<i>Dean of Students</i>
Shultzaberger, Lawrence Z., M.D.....	<i>College Physician</i>
Metzger, Stanley M., M.A.....	<i>Coordinator of Field Services</i>
Leach, Lucille B., Ph.D.....	<i>Associate Dean of Students</i>
Hertel, Robert R., M.A.....	<i>College Librarian</i>
Kavanaugh, Kathleen G., M.S.....	<i>Assistant Librarian</i>
Schuhle, Jacob, B.S.L.S.....	<i>Assistant Librarian</i>
Mulholland, Walter E., Ed.D.....	<i>Director of Placement</i>
Comi, Benjamin J., M.S.....	<i>Financial Secretary</i>
Hertel, Alta.....	<i>Secretary to the President</i>
Neverman, F. John, M.A.....	<i>College Registrar</i>

Instructional Staff

Abernethy, Louise M., Ed.D.....	<i>Professor, Education</i>
Adams, William W., Ph.D.....	<i>Professor, English</i>
Allen, Ross L., Dr., P.H.....	<i>Professor, Health Education</i>
Baisler, Albert W., Ph.D.....	<i>Dean of Students</i>
Bancroft, Roger W., Ed.D.....	<i>Professor, Education</i>
Banse, Andrew M., Ed.D.....	<i>Professor, Music</i>
Barry, Franklyn, M.A.....	<i>Superintendent, Cortland City Schools</i>
Bristow, William, Ph.D.....	<i>Director of Bureau of Curriculum Research, New York City</i>
Brown, Ralph A., Ed.D.....	<i>Professor, Social Studies</i>
Burd, Van Akin, Ph.D.....	<i>Associate Professor, English</i>
Carter, Isabelle B., M.S.....	<i>Assistant Professor, Education</i>
Childs, Georgina, M.S.....	<i>Associate Professor, Health</i>
Clark, C. Robert, M.S.....	<i>Associate Professor, Social Studies</i>
Cobane, Edith, M.A.....	<i>Instructor, Syracuse University</i>
Coolidge, Franklin E., M.S.....	<i>Associate Professor, Education</i>
Conley, Jeanette, M.A.....	<i>Dental Hygiene Teacher, Wappingers Falls</i>

Craig, Katherine, M.A.	Assistant Professor, Education
Cunningham, Mary, M.A.	New York State Historical Association
Doherty, Celeste, M.M.E.	Assistant Professor, Music
Fausold, Martin, D.S.S.	Assistant Professor, Social Studies
Fisk, Raymond, Ph.D.	Associate Professor, Science
Hahn, Jessie H., M.A.	Associate Professor, Education
Hall, Benedict A., Ph.D.	Professor, Science
Harding, Mary, M.A.	Associate Professor, Art
Hawkins, Richard, M.A.	Director, Elementary Education, Cortland City Schools
Holloway, T. Fred, Ph.D.	Professor, Physical Education
Hoth, William E., Ed.D.	Associate Professor, English
Howe, Arthur L., B.S.	Huntington Memorial Camp, Director
Hsieh, James, Ph.D.	Instructor, Center for International Studies, Massachusetts Institute of Technology
Hughes, Donald H., Ph.D.	Associate Professor, Education
Keeler, Clinton C., Ph.D.	Associate Professor, English
Kuhn, Marshall S., M.A.	Assistant Professor, Art
Lawrence, Albert, Ed.D.	Associate Professor, Science
Mack, Joseph C., Ed.D.	Associate Professor, Education
McCoy, Donald R., Ph.D.	Assistant Professor, Social Studies
McGrath, Wava T., M.A.	Assistant Professor, Education
Metcalf, Harlan G., Ph.D.	Professor, Recreation Education
Metzger, Stanley M., M.A.	Coordinator of Field Services
Miller, David G., M.S.	Associate Professor, Physical Education
Mulholland, Walter E., Ed.D.	Assistant Professor, Education
Olcott, William V., M.A.	Associate Professor, Education
Park, Maxwell G., Ph.D.	Director of Education
Poskanzer, Charles N., M.P.H.	Associate Professor, Health
Schick, R. Dean, Ph.D.	Professor, Science
Schroeder, Carl N., M.A.	Assistant Professor, Education
Shultzaberger, Lawrence Z., M.D.	College Physician
Smith, Arthur L., M.A.	Director of Physical Education, Great Neck
Smith, Mary Noble, M.A.	Assistant Professor, English
Smith, Ruth, Ed.D.	Professor, Education, State Teachers College, Towson, Maryland
Sueltz, Ben A., Ph.D.	Professor, Mathematics
Tesori, Anthony, M.A.	Associate Professor, Physical Education
Thomas, Wright, Ph.D.	Professor, English
Timmel, Gustave B., Ph.D.	Associate Professor, Health

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Accreditation of the College

The State University Teachers College at Cortland is accredited:
The Middle States Association of Colleges and Secondary Schools;
The American Association of Colleges of Teacher Education; and
The Board of Regents of the University of the State of New York.

